

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072420AL\
 Data File : FD034169.D
 Signal(s) : FID2B.CH
 Acq On : 25 Jul 2020 3:40
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 25 04:07:11 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 070820.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 08 04:25:35 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.606	3023448	22.277 ug/ml
Spiked Amount 50.000		Recovery =	44.55%
12) S 1-chlorooctadecane (S...	13.035	2440642	21.942 ug/ml
Spiked Amount 50.000		Recovery =	43.88%
Target Compounds			
1) T n-Nonane (C9)	3.384	2748784	22.901 ug/ml
2) T n-Decane (C10)	4.451	2787765	23.044 ug/ml
3) T A~Naphthalene (C11.7)	6.035	3109982	23.056 ug/ml
4) T n-Dodecane (C12)	6.464	2829757	23.052 ug/ml
5) T A~2-methylnaphthalene...	7.088	3177075	23.039 ug/ml
6) T n-Tetradecane (C14)	8.255	2840347	23.256 ug/ml
7) T n-Hexadecane (C16)	9.850	2796703	22.995 ug/ml
8) T n-Octadecane (C18)	11.288	2891519	22.803 ug/ml
10) T n-Eicosane (C20)	12.592	2870653	22.439 ug/ml
11) T n-Heneicosane (C21)	13.203	2838671	22.160 ug/ml
13) T n-Docosane (C22)	13.786	2803247	21.865 ug/ml
14) T n-Tetracosane (C24)	14.884	2754995	21.468 ug/ml
15) T n-Hexacosane (C26)	15.899	2652663	20.841 ug/ml
16) T n-Octacosane (C28)	16.845	2585901	20.370 ug/ml
17) T n-Tricontane (C30)	17.727	2494840	20.168 ug/ml
18) T n-Dotriacontane (C32)	18.555	2280433	20.243 ug/ml
19) T n-Tetratriacontane (C34)	19.333	2089499	19.838 ug/ml
20) T n-Hexatriacontane (C36)	20.067	1953110	19.373 ug/ml
21) T n-Octatriacontane (C38)	20.797	1855785	20.320 ug/ml
22) T n-Tetracontane (C40)	21.700	1973057	22.199 ug/ml

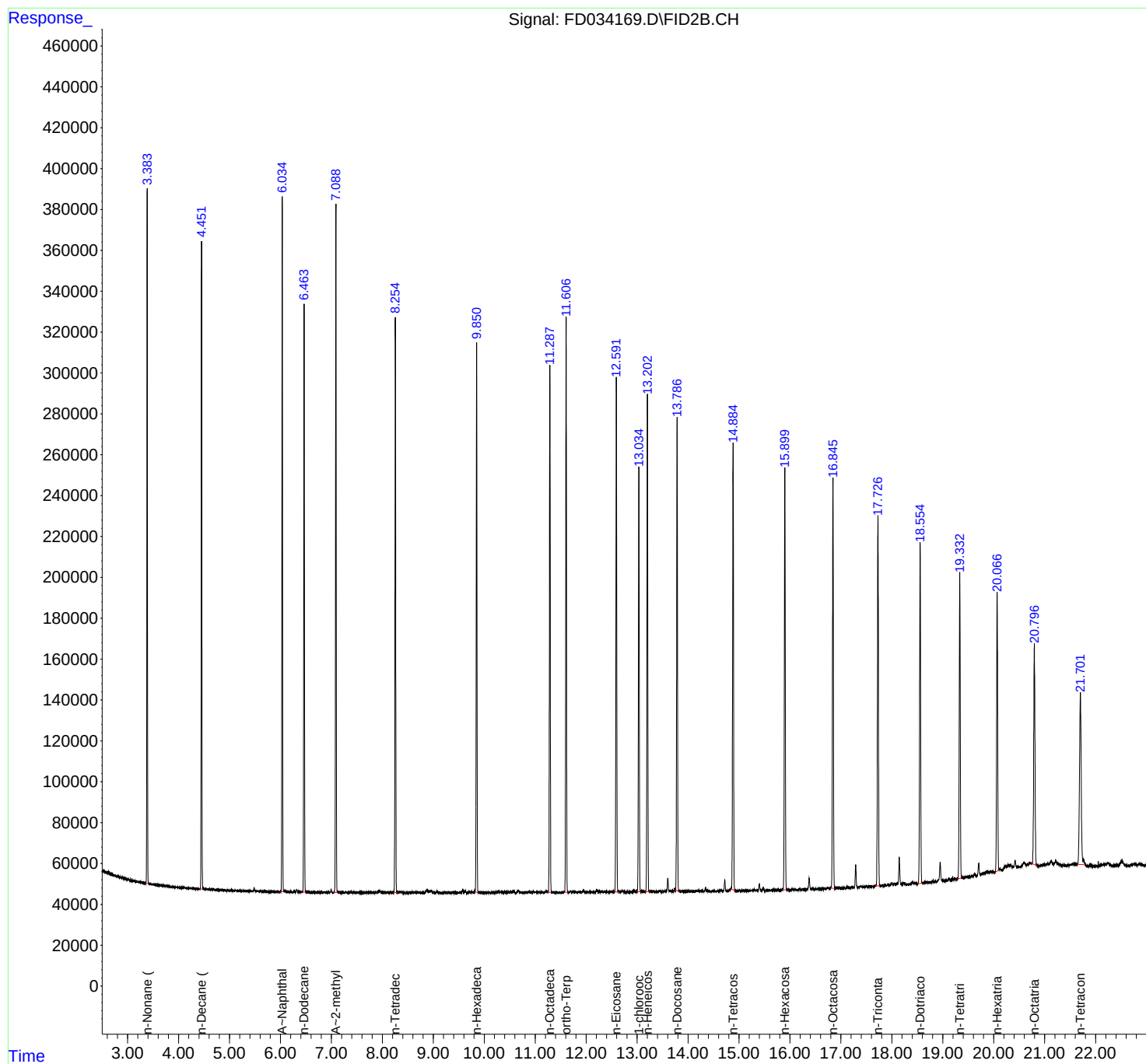
(f)=RT Delta > 1/2 Window

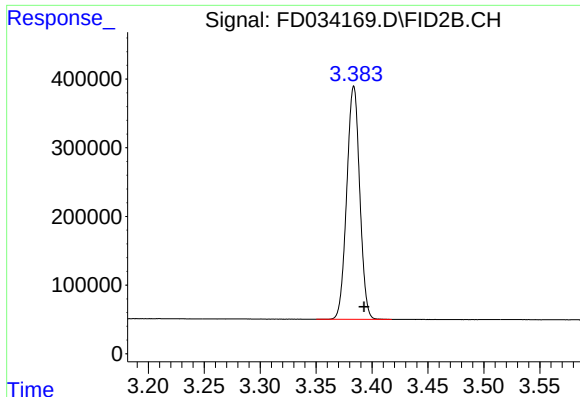
(m)=manual int.

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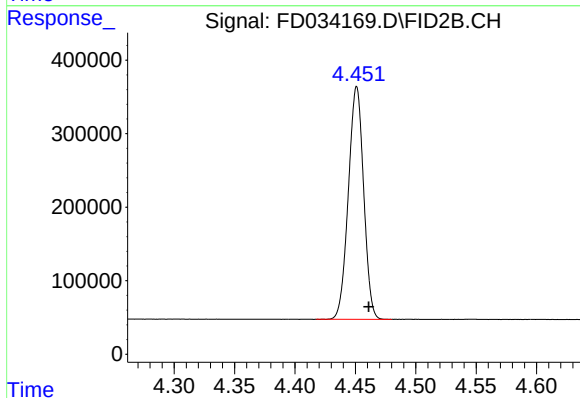
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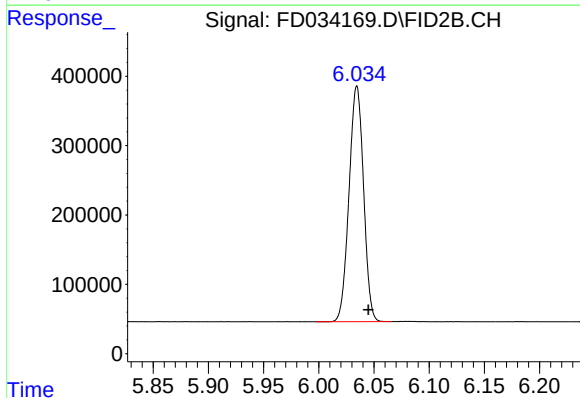
#1 n-Nonane (C9)

R.T.: 3.384 min
Delta R.T.: -0.009 min
Response: 2748784
Conc: 22.90 ug/ml



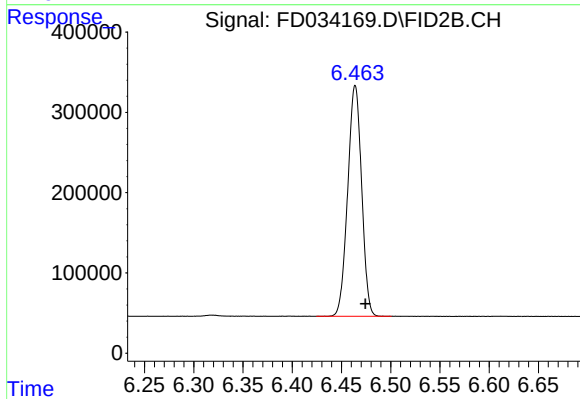
#2 n-Decane (C10)

R.T.: 4.451 min
Delta R.T.: -0.010 min
Response: 2787765
Conc: 23.04 ug/ml



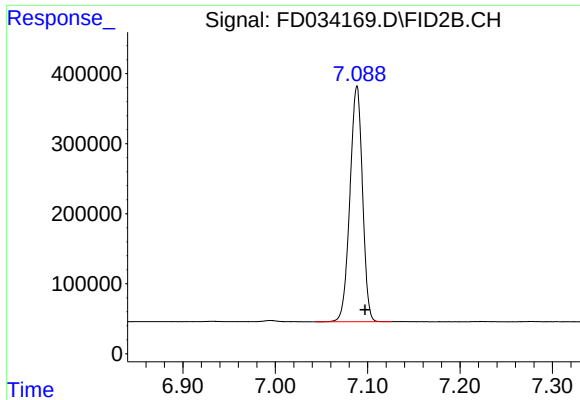
#3 A~Naphthalene (C11.7)

R.T.: 6.035 min
Delta R.T.: -0.010 min
Response: 3109982
Conc: 23.06 ug/ml



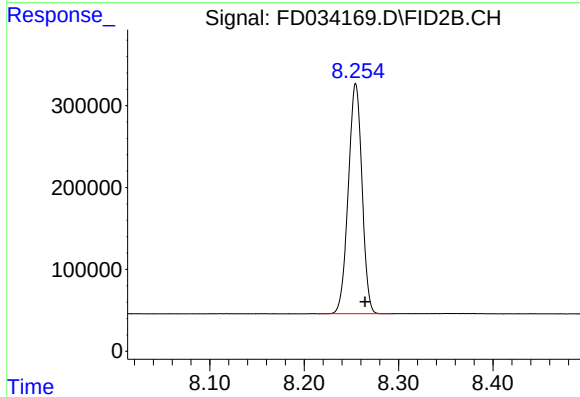
#4 n-Dodecane (C12)

R.T.: 6.464 min
Delta R.T.: -0.011 min
Response: 2829757
Conc: 23.05 ug/ml



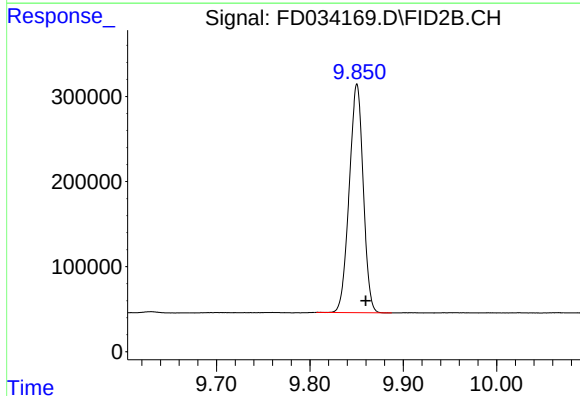
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.088 min
Delta R.T.: -0.009 min
Response: 3177075
Conc: 23.04 ug/ml



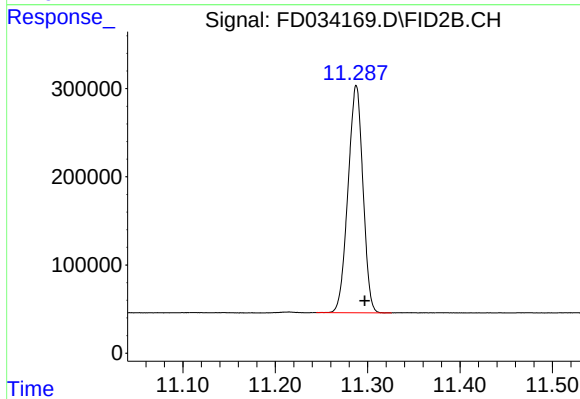
#6 n-Tetradecane (C14)

R.T.: 8.255 min
Delta R.T.: -0.010 min
Response: 2840347
Conc: 23.26 ug/ml



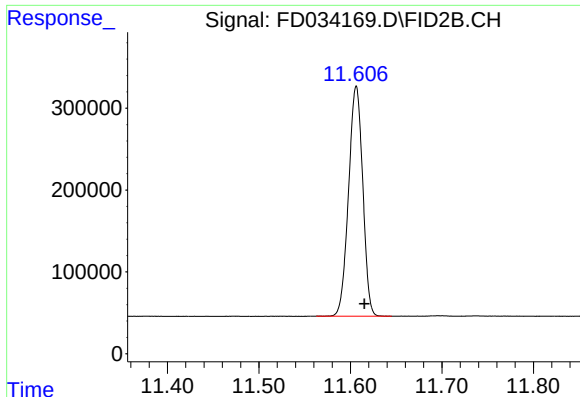
#7 n-Hexadecane (C16)

R.T.: 9.850 min
Delta R.T.: -0.010 min
Response: 2796703
Conc: 23.00 ug/ml



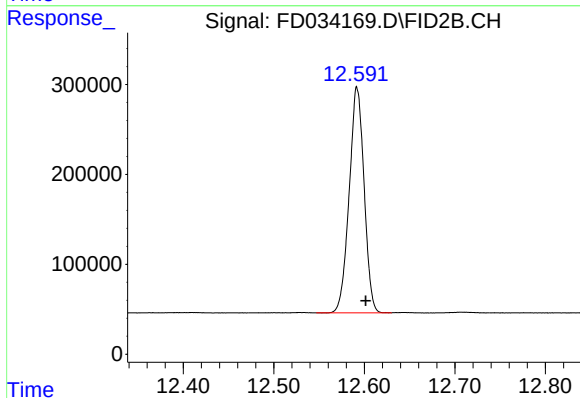
#8 n-Octadecane (C18)

R.T.: 11.288 min
Delta R.T.: -0.009 min
Response: 2891519
Conc: 22.80 ug/ml



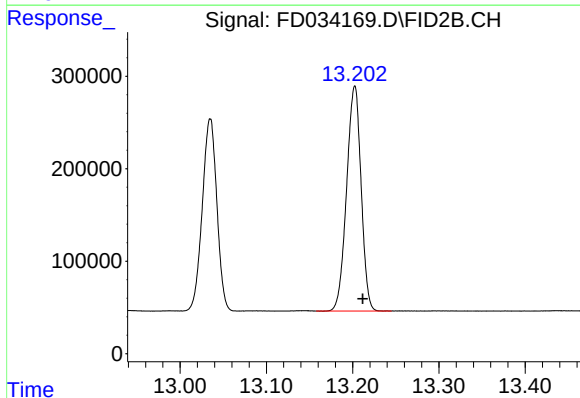
#9 ortho-Terphenyl (SURR)

R.T.: 11.606 min
Delta R.T.: -0.009 min
Response: 3023448
Conc: 22.28 ug/ml



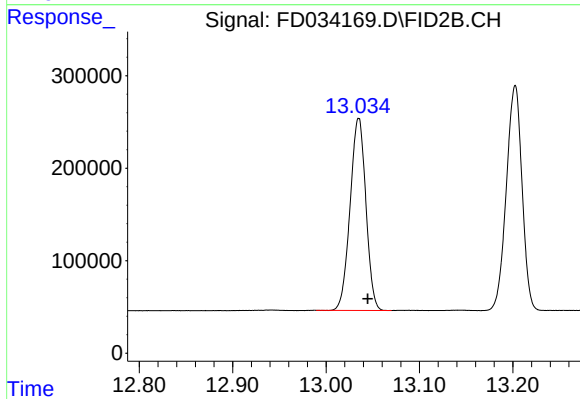
#10 n-Eicosane (C20)

R.T.: 12.592 min
Delta R.T.: -0.010 min
Response: 2870653
Conc: 22.44 ug/ml



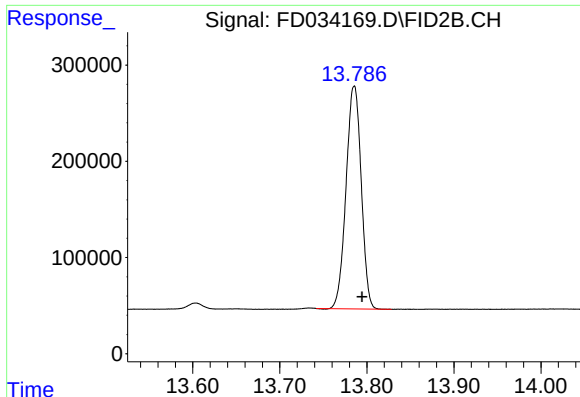
#11 n-Heneicosane (C21)

R.T.: 13.203 min
Delta R.T.: -0.009 min
Response: 2838671
Conc: 22.16 ug/ml



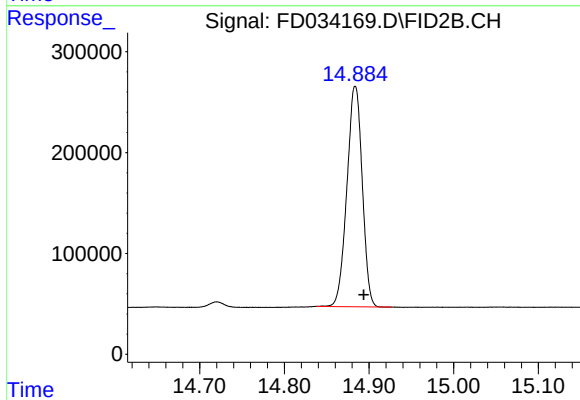
#12 1-chlorooctadecane (SURR)

R.T.: 13.035 min
Delta R.T.: -0.010 min
Response: 2440642
Conc: 21.94 ug/ml



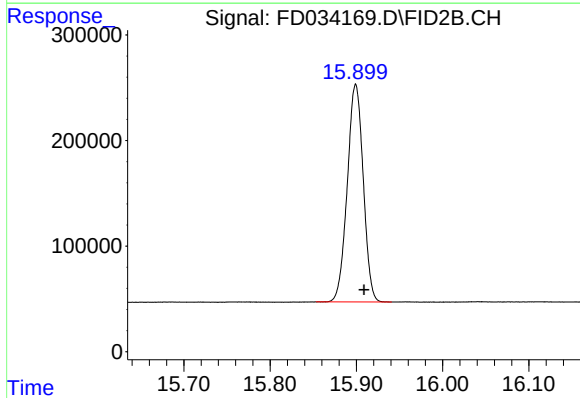
#13 n-Docosane (C22)

R.T.: 13.786 min
Delta R.T.: -0.009 min
Response: 2803247
Conc: 21.87 ug/ml



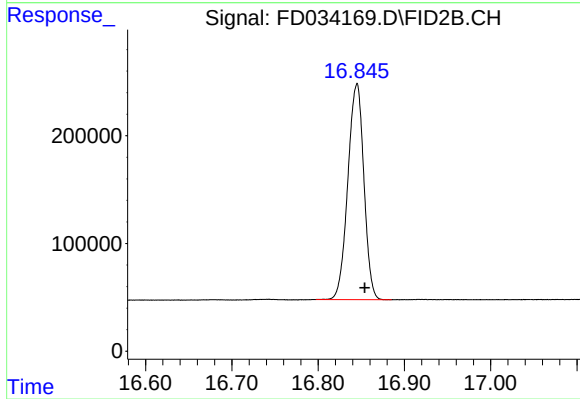
#14 n-Tetracosane (C24)

R.T.: 14.884 min
Delta R.T.: -0.010 min
Response: 2754995
Conc: 21.47 ug/ml



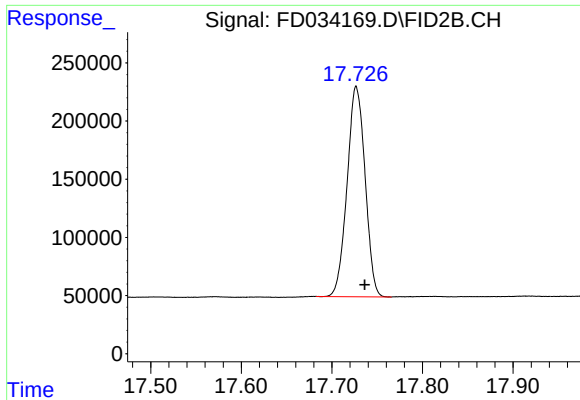
#15 n-Hexacosane (C26)

R.T.: 15.899 min
Delta R.T.: -0.010 min
Response: 2652663
Conc: 20.84 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.845 min
Delta R.T.: -0.009 min
Response: 2585901
Conc: 20.37 ug/ml



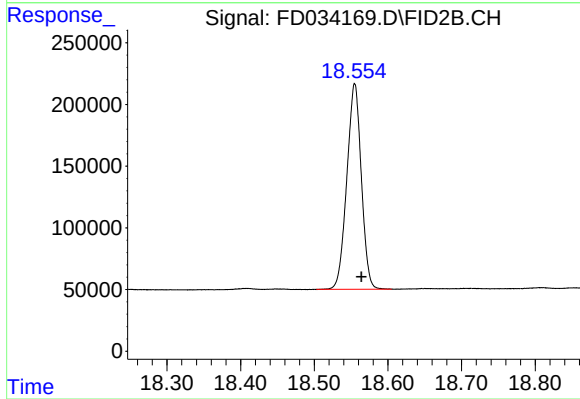
#17 n-Tricontane (C30)

R.T.: 17.727 min

Delta R.T.: -0.009 min

Response: 2494840

Conc: 20.17 ug/ml



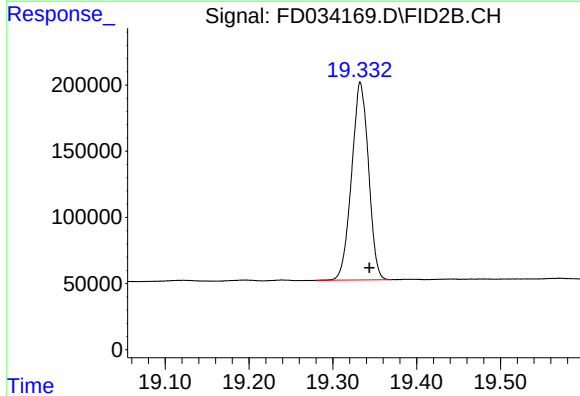
#18 n-Dotriacontane (C32)

R.T.: 18.555 min

Delta R.T.: -0.009 min

Response: 2280433

Conc: 20.24 ug/ml



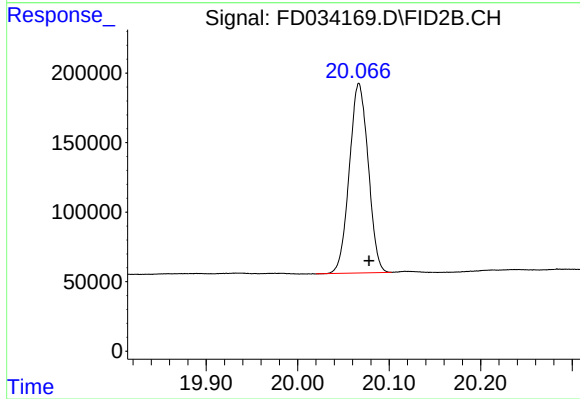
#19 n-Tetratriacontane (C34)

R.T.: 19.333 min

Delta R.T.: -0.011 min

Response: 2089499

Conc: 19.84 ug/ml



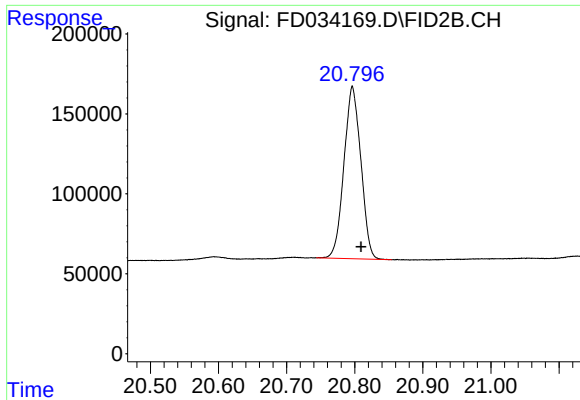
#20 n-Hexatriacontane (C36)

R.T.: 20.067 min

Delta R.T.: -0.011 min

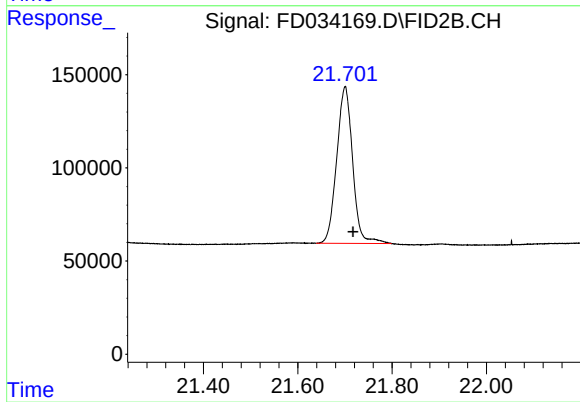
Response: 1953110

Conc: 19.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.797 min
Delta R.T.: -0.013 min
Response: 1855785
Conc: 20.32 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.700 min
Delta R.T.: -0.017 min
Response: 1973057
Conc: 22.20 ug/ml